



Note:

"ESD protective flooring, used with approved footwear, may be used as an alternative to the wrist strap system for standing operations." (ANSI/ESD S20.20 section 6.2.2.2)

"ESD protective footwear is designed to reduce body charge levels by supplying a conductive path from the body to the floor material. Heel and Toe grounders should be worn on both feet to insure effective use." (ESD Handbook TR 20.20 section 5.3.3.3.4)

"If the contact area between the bottom of the foot and the floor is not continuous, charge generation may occur especially when a person is walking. Heel straps must be worn on both feet to minimize the amount of time that the body of the person is isolated from ground while walking." (ESD Handbook TR 20.20 paragraph 5.2.3)

"Compliance verification should be performed prior to each use (daily, shift change, etc.). The accumulation of insulative materials may increase the foot grounder system resistance. If foot grounders are worn outside the ESD protected area testing for functionality before reentry to the ESD protected area should be considered." (ESD SP9.2 APPENDIX B - Foot Grounder Usage Guidance)

ESD Systems.com recommends the use of 41203, 41205, 41220/41213, and 41220/41226 foot ground testers. Ask for Tech Briefs PS-2057 and PS-2094.

For additional information on the use and maintenance of foot grounders please ask for Tech Brief PS-2030.

Description:

This disposable heel grounder is designed for single use and is ideal for outfitting visitors in ESD protected areas. The black conductive strip is bordered by bright yellow color material providing excellent visibility, assisting in enforcing an ESD control program. The conductive non-woven nylon strip is held to the heel of the shoe by pressure sensitive adhesive.

To Attach:

1. Strip release paper from pressure sensitive adhesive.
2. Insert the non-adhesive end of the heel grounder inside the shoe so that the black dot is in the center of the heel area, facing upwards.
3. Wrap the tape snugly around the outside of the shoe so that the adhesive area adheres to the underside of the heel of the shoe.
4. Step firmly onto pressure-sensitive adhesive and tear off excess material at serration.
5. Check for proper ground connection with the ESD Systems.com Combination Wrist Strap/Footwear Tester.
6. One heel grounder is to be used on each foot.

Electrical Performance:

1. Surface resistance is 5 x 10E4 to 8 x 10E5 ohms (ref: Footwear - Foot Grounder Special use low type C per ESD SP9.2 Footwear - Foot Grounder Resistance Characterization)

ITEM NO.	DESCRIPTION	LENGTH	PKG.
24166	Foot Ground, Heel, Disposable	11-3/4"	100

Meets the requirements of JEDEC, MIL-STD-1686, DOD-STD-2000.

Wescorp Heel Grounder, Disposable

ESD SYSTEMS.com

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